

Form E-1

**USE ATTAINABILITY ANALYSIS (UAA)
FOR
PRIMARY & SECONDARY CONTACT RECREATION**

Waterbody Name: Antelope Lake HUC: 10260013

Basin: Solomon Segment:

Location (Legal): SE 1/4 NE 1/4 Sec. 09 Township 08 Range 25W Quadrangle

Evaluators: Carney, Chamberlain Date: 09-04-01

Site Location Map or attach photographs:



The evaluator is encouraged to add comments and observations which will aide in making decisions about the site.

1. Direct evidence of:

Primary contact recreation activities? X Yes No

Secondary contact recreation activities? X Yes No

If people are observed recreating in the water, or if direct evidence exists of primary and/or secondary contact recreation, then primary and/or secondary contact recreation are considered existing uses. Types of direct evidence might include rope swings, campfire rings, boat ramps or other constructed or evident points of access.

COMMENTS: Boat ramp and dock present, campfire areas and picnic areas, shelters, bathrooms, fishing debris (tackle and bait containers)

2. Sufficient water to support primary contact recreation? X Yes No

An average depth of at least 0.5 meters or a maximum depth of at least 1.0 meter at base flow conditions is considered minimal for primary contact recreation. Base flow, as defined in K.A.R. 28-16-28b(f), means that portion of a stream's flow contributed by sources of water other than precipitation runoff. This refers to a fair weather flow sustained primarily by springs or groundwater seepage, wastewater discharges, irrigation return flows, releases from reservoirs, or some combination of these factors.

COMMENTS: Maximum depth > 1.0 meter

Primary Contact recreation use exists

Secondary Contact recreation use exists

Form E-1**USE ATTAINABILITY ANALYSIS (UAA)
FOR
FOOD PROCUREMENT**

Waterbody Name: Antelope Lake HUC: 10260013
Basin: Solomon Segment: _____

Location (Legal): SE 1/4 NE 1/4 Sec. 09 Township 08 Range 25W Quadrangle _____

Evaluators: Carney, Chamberlain Date: 09-04-01
Site Location Map or attach photographs:



The evaluator is encouraged to add comments and observations which will aide in making decisions about the site.

1. Direct evidence of:
Food procurement activities? X Yes No

For food procurement designation, note any evidence of fishing activities such as fishing lines, bait cans, etc. Indicate findings regarding food procurement in comment section.

COMMENTS: Fishing tackle and bait containers present, boat ramp and dock, camp and picnic areas, shelters and bathrooms present

Food Procurement use exists

KANSAS USE ATTAINABILITY ANALYSES (UAA's) COMPLETED IN 2001

Basin: Solomon

HUC 8 Number: 10260013

Lake Name: Antelope Lake

Classified in Kansas surface water register (1999): Retain: X
Deletion Proposed: _____¹

<u>USE DESIGNATIONS</u>	<u>1999 REGISTER</u>	<u>2002 PROPOSED</u>
Aquatic Life Use ²	<u>E</u>	_____
Primary Contact Recreation ³	_____	<u>P</u>
Secondary Contact Recreation ⁴	<u>X</u>	_____
Food Procurement	<u>X</u>	_____
Irrigation Watering	_____	_____
Livestock Watering	_____	_____
Domestic Water Supply	_____	_____
Industrial Water Supply	_____	_____
Groundwater Recharge	_____	_____

¹ Comments: _____

² E = expected aquatic life use water.
S = special aquatic life use water
R = restricted aquatic life use water

³ P means primary contact recreation.

⁴ Secondary contact recreation was not delineated in the 1999 Register. Per 1999 Kansas Surface Water Quality Standards (KSWQS), all classified waters where no UAA had been completed were designated for secondary contact recreational use by default.

X = referenced stream segment is designated for the indicated beneficial use.

O = referenced stream segment does not support the indicated beneficial use.

